

Applications are open until July 5, 2026.

International Master's Degree ESPOIR

« E-Santé publique pour les Populations de l'Océan Indien Régional »

designed for the challenges of the Indian Ocean region

The ESPOIR Master's program trains future managers, experts and public health project leaders in the Indian Ocean region.

Designed using a multi-center and interdisciplinary approach, it combines **public health, epidemiology, health promotion, health systems, social sciences, digital technologies and artificial intelligence** applied to health.

Supported and advised by the **Indian Ocean Commission**, the program developed by a **regional university consortium** specifically addresses the growing needs for strengthening health systems (public and private) in the island territories of the Indian Ocean.



With the support of numerous institutional and professional partners in the region

Training tailored to working professionals

Synchronous and asynchronous **distance learning**



Every 6 weeks, one- **week in - person seminars** at

Mauritius - Madagascar - Seychelles



Project-based approach and professional internships - Multicultural and international supervision

A 2-year training program structured around 7 teaching units

UE1 : Research Methodology in Public Health (100 hours – 17 ECTS credits)

UE2 : Epidemiology and pathogenic processes (98 h – 14 ECTS)

UE3 : Health Promotion (100 hours – 15 ECTS)

UE4 : Health systems and health and societal contexts (60 h – 10 ECTS)

UE5 : E-Public Health (118 hours – 20 ECTS)

UE6 : Health Economics and Management of Healthcare Structures (36 hours – 4 ECTS credits)

UE7 : Personal research/study project: internship M1 (2 months – 10 ECTS) **and M2** (4 months – 30 ECTS)

Master 1 ESPOIR - Fundamentals and building a professional project

The Master 1 provides the methodological, scientific and operational foundations essential for the practice of public health in island and international contexts.

UE	Semester 1 Courses	Hours	ETCs
UE1	Epidemiology: quantitative approach and key indicators	16	2
UE1	Biostatistics: descriptive statistics, estimation and standard tests	11	2
UE1	Qualitative approach in epidemiology and public health	11	2
UE2	Epidemiology in the Indian Ocean region	12	2
UE2	Pathophysiological processes	24	4
UE3	Education, Ethics and Health Promotion	22	3
UE3	Community engagement	18	3
UE4	Island territories of the Indian Ocean (geohistory, socioeconomics , etc.)	20	3
UE4	Social inequalities in health in the Indian Ocean	20	3
UE5	Everyday IT tools (including AI applications)	9	1
UE5	Database Management System	14	2
UE5	Online questionnaires, CMS website management, etc.	10	1
UE5	Data analysis software in epidemiology	15	2

UE	Semester 2 Courses	Hours	ECTS
UE1	Rules of scientific communication	10	2
UE1	Literature Review and Critical Reading of Articles	10	2
UE2	Impact of global environmental changes on health	15	2
UE2	Disease control and international development aid	10	2
UE3	Mental health: a multidisciplinary challenge	10	2
UE3	Understanding and preventing addictive behaviors	10	2
UE4	Diversity of Public Health Contexts in the Indian Ocean	10	2
UE4	Documenting a health risk: objectivity and human influence	10	2
UE5	E-resources for literature reviews	10	2
UE5	E-resources for infographics	10	2
UE7	Study project internship (2 months)	246	10



Master 2 ESPOIR - Expertise, innovation and leadership in public health

The Master 2 program deepens advanced skills in research, project management, digital innovation, and healthcare system management. Students develop their research or applied intervention project in the field, within their professional or territorial context.

UE	Semester 3 Courses	Hours	ETCs
UE1	Biostatistics: Multivariate Analysis and Modeling	15	3
UE1	Regulations for the management of health data	6	1
UE1	Research project methodology	21	3
UE2	Example of a cross-cutting approach (aging, disability, etc.)	20	2
UE2	Chronic diseases: epidemiology, prevention and treatments	17	2
UE3	Patient Therapeutic Education	30	3
UE3	Traditional, complementary and alternative medicine	10	2
UE5	Computerization of Health Systems	10	2
UE5	Introduction to Python programming	10	2
UE5	Artificial Intelligence and Health	15	3
UE5	Connected objects / mobile applications / Robotics	15	3
UE6	Health Economics	10	2
UE6	Compatibility: rules and practices	15	1
UE6	Human Resources Management	11	1

UE	Semester 4	TOTAL	ETCs
UE7	Study project internship (4 to 6 months)	493	30



Skills developed

Upon completion of the master's program, graduates will be able to:

- ✓ Designing and evaluating public health programs
- ✓ Conducting quantitative and qualitative studies
- ✓ Managing health prevention and promotion projects
- ✓ Analyze health systems and public policies
- ✓ Using digital tools and data in health
- ✓ Integrating One Health and interdisciplinary approaches
- ✓ Develop applied research projects





Career opportunities and progression

The ESPOIR program prepares students for roles such as:

- ✓ Health Program Coordinator
- ✓ Public health project manager
- ✓ Head of Prevention and Health Promotion
- ✓ Data manager / health analyst
- ✓ e-health project manager
- ✓ NGO or international organization executive
- ✓ Manager of health or medico-social facilities
- ✓ PhD student



Practical information

-  French or English lessons (depending on the teacher, instant translation)
-  Assignments and exams available in French and English

All end-of-semester exams, M1 and M2 thesis defenses, and seminars take place at the university in the country of residence.

One or more seminars may be organised in one of the countries of the region (subject to available institutional funding). A valid passport is therefore required.



Training begins: September 4, 2026

Application file

Application deadline: July 5, 2026

Link to apply: <https://enketo.unilim.fr/x/#bN9AYC3a>

Application file composition: CV, cover letter, professional project, copy of latest diplomas (minimum Bachelor's or BSc) and transcript of grades for the last diploma.



The **International Partnership Diploma** (currently being signed) will finalize the economic model and therefore the final tuition fees at each university. **Selected candidates will choose their university of enrollment based on available places.** For example, at the University of Limoges (for 15 learners), the cost is €1,654 per year (€3,308 for the 2-year master's program).

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